

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKewed/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

L Number	Hits	Search Text	DB	Time stamp
1	282	subsampl\$4 with (detect\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 13:21
2	54	subsampl\$4 with (detect\$4) with pixel	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 13:21
3	5	subsampl\$4 with (detect\$4) with pixel with interpolat\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 13:22
4	399	resolution with (detect\$4) with interpolat\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 13:23
5	0	resolution with (detect\$4) with interpolat\$4 with flesh	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 13:23
6	4	resolution with (detect\$4) with interpolat\$4 same (flesh or people)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 13:24
7	6390	resolution with interpolat\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 13:24
8	399	resolution with interpolat\$4 with detect\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 13:25
9	9	resolution with (interpolat\$4 near4 (input or initial)) with detect\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 14:22
10	37	(low near4 resolution) with (interpolat\$4) with detect\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 13:35
11	3	(low near4 resolution) with (belief near4 map\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 13:36
12	3	((low near4 resolution) or subsampl\$4 or sub\$ampl\$4) with (belief near4 map\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 13:38
13	4	((low near4 resolution) or subsampl\$4 or sub\$ampl\$4) same (belief near4 map\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 13:39
14	8	((low near4 resolution) or subsampl\$4 or sub\$ampl\$4) and (belief near4 map\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 13:42

15	15260	((low near4 resolution) or subsampl\$4 or sub\$sampl\$4 or sampl\$4) with interpolat\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 13:43
16	1202	((low near4 resolution) or subsampl\$4 or sub\$sampl\$4 or sampl\$4) with interpolat\$4 with detect\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 13:44
17	139	((low near4 resolution) or subsampl\$4 or sub\$sampl\$4 or sampl\$4) with interpolat\$4 with detect\$4 with image	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 13:44
18	8	((low near4 resolution) or subsampl\$4 or sub\$sampl\$4 or sampl\$4) with interpolat\$4 with (detect\$4 near4 feature)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 14:18
19	0	((low near4 resolution) or subsampl\$4 or sub\$sampl\$4) with interpolat\$4 with (detect\$4 near4 feature)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 13:45
20	97	((low near4 resolution) or subsampl\$4 or sub\$sampl\$4) with interpolat\$4 with (detect\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 13:45
21	1	((low near4 resolution) or subsampl\$4 or sub\$sampl\$4) with interpolat\$4 with (detect\$4 near4 object)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 13:46
22	1489	((low near4 resolution) or subsampl\$4 or sub\$sampl\$4) with interpolat\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 13:46
23	56	((low near4 resolution) or subsampl\$4 or sub\$sampl\$4) with interpolat\$4 with prior	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 13:48
24	0	((low near4 resolution) or subsampl\$4 or sub\$sampl\$4) with interpolat\$4 with prior with detect\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 13:48
25	2	((low near4 resolution) or subsampl\$4 or sub\$sampl\$4) with interpolat\$4 with prior with (locat\$4 or find\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 13:49
26	32531	detect\$4 with people	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 13:49
27	0	(detect\$4 with people) with subsampl\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 13:50
28	51	(detect\$4 with people) and subsampl\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 13:52

29	2	(detect\$4) with subsampl\$4 with prior	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 13:55
30	282	(detect\$4) with subsampl\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 13:56
31	24	(detect\$4) with subsampl\$4 with interpolat\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 13:56
32	399	resolution with (interpolat\$4) with detect\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 14:22
33	51	((low\$4 or reduc\$4) near4 resolution) with (interpolat\$4) with detect\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 14:28
34	2	6477202.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 14:30
35	7	linear with fractal with interpolat\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 14:31
40	15	(US-6466702-\$ or US-6738494-\$ or US-6477202-\$ or US-6111583-\$ or US-5148497-\$ or US-5398078-\$).did. or (US-20030093279-\$ or US-20030108250-\$ or US-20030161545-\$ or US-20030161544-\$ or US-20030108245-\$ or US-20010048719-\$ or US-20020067864-\$ or US-20020159651-\$).did. or (WO-9112591-\$).did.	USPAT; US-PGPUB; DERWENT	2004/10/07 14:33
41	3	((US-6466702-\$ or US-6738494-\$ or US-6477202-\$ or US-6111583-\$ or US-5148497-\$ or US-5398078-\$).did. or (US-20030093279-\$ or US-20030108250-\$ or US-20030161545-\$ or US-20030161544-\$ or US-20030108245-\$ or US-20010048719-\$ or US-20020067864-\$ or US-20020159651-\$).did. or (WO-9112591-\$).did.) and fractal	USPAT	2004/10/07 14:34
42	3	((US-6466702-\$ or US-6738494-\$ or US-6477202-\$ or US-6111583-\$ or US-5148497-\$ or US-5398078-\$).did. or (US-20030093279-\$ or US-20030108250-\$ or US-20030161545-\$ or US-20030161544-\$ or US-20030108245-\$ or US-20010048719-\$ or US-20020067864-\$ or US-20020159651-\$).did. or (WO-9112591-\$).did.) and fractal	USPAT	2004/10/07 14:34
53	8	382/300.ccls. and fractal\$15	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 15:18
58	3848	(recogni\$6 or detect\$4 or find\$4 or locat\$4) with (low near4 resolution)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 15:19

59	65	(recogni\$6 or detect\$4 or find\$4 or locat\$4) with (low near4 resolution) with prior	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 15:20
60	22	(recogni\$6 or detect\$4 or find\$4 or locat\$4) with (low near4 resolution) with prior with image	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 15:22
61	1185	(recogni\$6 or detect\$4 or find\$4 or locat\$4) with (low near4 resolution) with image	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 15:23
62	14467	(recogni\$6 or detect\$4 or find\$4 or locat\$4) with ((low near4 resolution)or sampl\$4 or \$10sampl\$4)with image	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 15:23
63	109	(recogni\$6 or detect\$4 or find\$4 or locat\$4) with ((low near4 resolution)or sampl\$4 or \$10sampl\$4)with image with (grass or people or sky or tree)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 15:26
64	109	(recogni\$6 or detect\$4 or find\$4 or locat\$4) with ((low near4 resolution)or sampl\$4 or subsampl\$4)with image with (grass or people or sky or tree)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 16:46
65	14	(recogni\$6 or detect\$4 or find\$4 or locat\$4) with ((low near4 resolution)or subsampl\$4)with image with (grass or people or sky or tree)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 15:26
72	0	("6141017,5901245").PN.	USPAT	2004/10/07 15:37
73	1	((("6141017and")or ("5901245"))).PN.	USPAT	2004/10/07 15:37
74	1	("6141017").PN.	USPAT	2004/10/07 15:39
75	1	("5901245").PN.	USPAT	2004/10/07 15:40
76	1	("5781276").PN.	USPAT	2004/10/07 15:40
77	1	("5710833").PN.	USPAT	2004/10/07 15:40
78	1	("5682443").PN.	USPAT	2004/10/07 15:41
79	1	("4203671").PN.	USPAT	2004/10/07 15:46
80	2	fractal with linear same interpolat\$4	USPAT	2004/10/07 15:48
81	18	fractal with linear and interpolat\$4	USPAT	2004/10/07 15:48
82	30	fractal with linear and interpolat\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 15:49
83	7	fractal with linear with interpolat\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 15:49
90	1	("6454419").PN.	USPAT	2004/10/07 16:13
91	86	belief near4 map\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 16:47
92	10	(belief near4 map\$4) with (flesh or people or sky or grass or water)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 16:49
93	1055	(belief) with (flesh or people or sky or grass or water)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 16:49

94	21	(belief) with (flesh or people or sky or grass or water) with image	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/10/07 16:49
-	3	fractal with cubic with interpolat\$4	USPÄT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/10/05 16:21
-	8	fractal same cubic same interpolat\$4	USPÄT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/10/05 16:22
-	11	fractal same bilinear same interpolat\$4	USPÄT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/10/05 16:25
-	2	6738494.pn.	USPÄT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/10/07 09:58
-	2	6333793.pn.	USPÄT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/10/05 16:51
-	2	6535636.pn.	USPÄT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/10/07 10:00
-	2	5694484.pn.	USPÄT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/10/07 10:12
-	5	format with sobel	USPÄT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/10/07 10:13
-	5496	jpeg with format	USPÄT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/10/07 10:13
-	0	jpeg with format with sobel	USPÄT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/10/07 10:14
-	6	jpeg with format with noise	USPÄT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/10/07 10:44
-	80	interpolat\$4 with fractal	USPÄT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/10/07 10:45
-	8	interpolat\$4 with fractal with bilinear	USPÄT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/10/07 10:48

-	80	fractal with interpolat\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 10:48
-	7	fractal with interpolat\$4 with (select\$4 or pick\$4 or choos\$4 or choice)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 10:53
-	12102	interpolat\$4 with (select\$4 or pick\$4 or choos\$4 or choice)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 10:54
-	7	interpolat\$4 with (select\$4 or pick\$4 or choos\$4 or choice) with fractal	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 10:54
-	8	interpolat\$4 with (select\$4 or pick\$4 or choos\$4 or choice) same fractal	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 10:54
-	68	interpolat\$4 with (select\$4 or pick\$4 or choos\$4 or choice) and fractal	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 10:54
-	22	interpolat\$4 with (select\$4 or pick\$4 or choos\$4 or choice) and (fractal near4 interpolat\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 11:00
-	1	(fractal near4 interpolat\$4) with (cubic or bicubic or "bi cubic" or bi-cubic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 11:01
-	1	(fractal near4 interpolat\$4) with (cubic or bicubic or "bi cubic" or "bi-cubic")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 11:01
-	13	(fractal) with (cubic or bicubic or "bi cubic" or "bi-cubic")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 11:06
-	2	(fractal) with (cubic or bicubic or "bi cubic" or "bi-cubic") with select\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 11:08
-	62	fractal near4 interpolat\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 11:12
-	5	(fractal near4 interpolat\$4) with bilinear	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 11:23
-	1		USPAT	2004/10/07 11:13
-	6	(fractal near4 interpolat\$4) same bilinear	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 11:25

-	6	(fractal near4 interpolat\$4) same (bilinear or "bi-linear")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 11:26
-	6	(fractal near4 interpolat\$4) same (bilinear or "bi-linear" or "bi linear")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 12:15
-	404	382/300.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 12:16
-	8	382/300.ccls. and fractal	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/07 14:35